

To: Seaborne, Rick[Seaborne.Rick@epa.gov]
From: YON Donald R
Sent: Fri 1/31/2014 11:18:25 PM
Subject: RE: Oregon's NPS Program goals, objectives, metrics/tracking measures, and milestones draft table

KEY OREGON NPS PLAN OUTCOMES AND KEY ACTIONS	2014	2015	2016	2017	2018
MAJOR NPS PLANS					
Develop Oregon 5-Year NPS Plan and send to EPA for approval to receive 319 NPS grant funding	X				
Finish Oregon NPS Plan	X	X	X	X	X
Develop Oregon's Annual NPS Program Update Report and submit to EPA for Approval					
Complete CZARA, Coastal NPS Program Plan for EPA and NOAA Approval	X				
USFS/DEQ MOU Annual Report submitted to DEQ for Approval					
BLM/DEQ MOU Annual Report submitted to DEQ for Approval					
USFS/BLM/DEQ 5-Year MOU Progress Report					
319 GRANT PROGRAM			X		
Manage 319 Grant Monies to fund NPS Water Quality Projects And DEQ Staff With Balance Between Statewide Programs And Projects					
Identify And Fund Restoration Priorities					
Use Section 319 Funds To Support Projects Targeting NPS Issues In Priority Watersheds, Waterbodies And Groundwater Threatened By NPS Pollution					
Explore The Feasibility Of An In-Kind Grant RFP Solicitation Process Where DEQ Allocates A Certain Amount of FTE For Technical Assistance To Watershed Groups					
Continue Process Improvement Of RFPs For Timely And Efficient Issuance					
Provide Guidance To DEQ Staff And Grant Recipients For Grant Administration Including Contracting And Invoicing					
Continue To Report 319 Grant Data Into GRTS; Meet Annual Reporting Deadlines					
Coordinate With NRCS, USFS, BLM And OWEB For Annual Reporting On Implementation Activities					
Prepare Annual Nitrogen, Phosphorus, And Sedimentation-Siltation NPS Pollutant Load Reduction Estimates For NPS Projects And Include In Oregon's Annual NPS Program Report					
Keep DEQ's NPS Public Website up-to-date with descriptions of NPS programs, links to NPS program documents, or links to other DEQ & federal, state, & local program descriptions and documents					
WATERSHED APPROACH					
Develop a template for Watershed Basin Status and Action Plans					
Develop <u>?#</u> of Watershed Basin Status and Action Plans per Year					
Aligned And Prioritized According To The Watersheds					
DEQ Uses The Watershed Plans and Action Plans And Basin					

Priorities To Identify Priority Problems And Watersheds						
Volunteer Monitoring Watersheds Sample Plans Are Developed						
Report on how TMDL Implementation Plans and Watershed Basin Reports meet 9 elements and how this process is/is not working.						
KEY OREGON NPS PLAN OUTCOMES AND KEY ACTIONS		2014	2015	2016	2017	2018
BASIN SPECIFIC PROJECTS						
Columbia River	Continue PSP work					
Deschutes Basin						
Grande Ronde Basin						
John Day Basin						
Klamath Basin						
Malheur River Basin	NWQI, Continue GWMA work					
Mid-Coast Basin						
Middle Columbia	Continue PSP work, NWQI					
North Coast	Continue bacteria reduction work					
Oregon Closed Lakes Basin						
Owyhee River Basin						
Powder River Basin						
Rogue Basin	Continue bacteria reduction work					
Sandy Basin						
South Coast Basin						
Snake River-Hell's Canyon						
Umatilla Basin	Continue GWMA work					
Umpqua Basin	Continue bacteria reduction work					
Lower Willamette Mainstem						
Middle Willamette Mainstem						
Upper Willamette Mainstem						
Clackamas Subbasin	Continue PSP work					
Coast Fork, McKenzie, Middle Fork Willamette, South Santiam Subbasins	Continue PSP work					
Molalla Subbasin						
North Santiam, Pudding, Yamhill Subbasin	Continue PSP work					
Tualatin Subbasin						
TMDLS AND OTHER WQ PROGRAMS						
Develop TMDL guidance on work plans identifying data needs and designing monitoring study						
Work with DMAs to develop and implement TMDL Implementation Plans on a watershed basis						
Develop BMPs Manuals for forestry, agriculture, and urban activities where needed						
HQ will provide technical assistance on TMDL development and						

TMDL implementation efforts					
Provide better reasonable assurance during TMDL development					
Revise and finalize Guidance for TMDL Implementation Plan Development for Urban/Rural Residential Land Uses within the Coastal Nonpoint Management Area and submit to NOAA and EPA for approval					
KEY OREGON NPS PLAN OUTCOMES AND KEY ACTIONS	2014	2015	2016	2017	2018
TMDLS AND OTHER WQ PROGRAMS (Cont.)					
Develop a strategy to address MS4 and non-MS4 urban DMAs by working with stormwater program					
Work to include drinking water turbidity criteria in final rule revisions					
Complete scoping of water quality trading rules					
Develop, update and implement MOUs and MOAs with local, state, and federal agencies					
DEQ conduct enforcement on submittal of and implementing TMDL Implementing Plans					
Develop list of Lake Protection And Restoration Projects					
Continue Drinking Water Source Monitoring Where Requested And Prioritized By The Oregon Health Authority					
TMDL IMPLEMENTATION					
Work with DMAs to assure they are meeting TMDL priorities that address their responsibilities identified in the TMDL or WQMP					
Develop a standardized DMA Implementation Plan Template of what needs to be included in the plan and the appropriate level of rigor (which may be different for different tiers of DMAs)					
Development of tools and decision support systems for use by both DMAs and DEQ to estimate and translate load allocations into BMPs					
Develop a set of DEQ evaluation criteria on how implementation will be tracked, any milestones, and the schedule for reviewing data to report on status and trend of water quality					
Conduct additional analysis to provide better reasonable assurance and guide implementation for existing TMDLs that are identified as priorities					
Development and population of a DEQ TMDL implementation database (can be simple excel or access database- or ACES?) to track implementation actions and measures					
DMAs conduct annual reviews of implementation plans progress, accomplishments, and needs for change and place into the DMA annual reports which are submitted to DEQ for approval					
Clarify DEQ's approach to dealing with DMAs that have not submitted a TMDL implementation plan.					
TOXICS					
Continue the Pesticides Stewardship Partnerships (PSPs) Program, Quality Assurance Project Plans (QAPP), and Sampling and Analysis Plans (SAP)					
Continue Developing Contaminant-Specific Reduction Strategies For Public Water System Use, Such As For Nitrates And					

Pesticides From Urban And Rural Residential Lands					
Assist to prioritize pesticide stewardship partnership (PSP) projects and supporting statewide PSP implementation (especially implementing pesticide collection events)					

From: Seaborne, Rick [mailto:Seaborne.Rick@epa.gov]

Sent: Friday, January 31, 2014 2:35 PM

To: YON Donald R

Subject: RE: Oregon's NPS Program goals, objectives, metrics/tracking measures, and milestones draft table

Yeah I frankly like having a chart like this to extent then you can then do annual reports which can better ID progress under the annual milestones to extent poss. Not to throw too much more at you but I looked up status of approved plans and see Colorado is approved and on their website. It seems to be a pretty good plan overall as an example. Appendix D, and B of their plan includes their program implementation charts and priority watersheds which may provide some inspiration also in terms of the tasks included and the format- so just fyi of one which has been approved by R8 as well as WY, here:

<http://npscolorado.com/program-documents/management-plan/>

Rick Seaborne

Nonpoint Source - 319 Program Coordinator

US EPA Region 10, Suite 900

Office of Water & Watersheds, OWW-134

1200 Sixth Avenue, Seattle, WA 98101

Phone: (206) 553-8510

E-mail: seaborne.rick@epa.gov

From: YON Donald R [<mailto:YON.Donald@deq.state.or.us>]
Sent: Friday, January 31, 2014 2:10 PM
To: Seaborne, Rick
Cc: YON Donald R
Subject: RE: Oregon's NPS Program goals, objectives, metrics/tracking measures, and milestones draft table

Rick thanks so much for all your help. Koto has one idea and Gene another and I have another. I agree with what you have said. The table I sent this morning is one that Koto created.

I first prepared this table (below) which I thought was a combination of both the LA and WY tables. I would need to revise to include numbers and dates such as this following section of the table:

WATERSHED APPROACH

Develop a template for Watershed Basin Status and Action Plans that would be used by DEQ HQ and Regional staff in preparation of the plans

Develop ?# of Watershed Basin Status and Action Plans per Year

Aligned And Prioritized According To The 9 Critical Watersheds identified by DEQ in the 319 work plans and the use of the most recent Integrated Report of 303(d) listed waterbodies

DEQ Uses The Watershed Plans and Action Plans And Basin Priorities To Identify Priority Problems And Watersheds that are used in the annual 319 Work plans that are identified for annual 319 funding

Volunteer Monitoring Watersheds Sample Plans Are Developed. Annually 5 to 10 watersheds are sampled and the monitoring data is used to identify priority watersheds

Report annually on how many TMDL Implementation Plans and Watershed Basin Reports meet 9 elements and describe in DEQ's annual NPS program reports how this process is/is not working.

~~KEY OREGON NPS MANAGEMENT PROGRAM PLAN OUTCOMES AND KEY~~

ACTIONS

Key Oregon's NPS Program Annual Milestones for Statewide and Watershed Activities

2014 to 2018

KEY OREGON NPS PROGRAM ANNUAL MILESTONES FOR STATEWIDE ACTIVITIES	2014	2015	2016	2017	2018
NPS PLAN OUTCOMES AND KEY ACTIONS- STATEWIDE ACTIVITIES					
MAJOR NPS PLANS					
Develop Oregon 5-Year NPS Plan and send to EPA for approval to receive 319 NPS grant funding	X				
Finish Oregon NPS Plan	X	X	X	X	X
Develop Oregon's Annual NPS Program Update Report and submit to EPA for Approval					
Complete CZARA, Coastal NPS Program Plan for EPA and NOAA Approval	X				
USFS/DEQ MOU Annual Report submitted to DEQ for Approval					
BLM/DEQ MOU Annual Report submitted to DEQ for Approval					
USFS/BLM/DEQ 5-Year MOU Progress Report					
319 GRANT PROGRAM			X		
Manage 319 Grant Monies to fund NPS Water Quality Projects And DEQ Staff With Balance Between Statewide Programs And Projects					
Identify And Fund Restoration Priorities					
Use Section 319 Funds To Support Projects Targeting NPS Issues In Priority Watersheds, Waterbodies And Groundwater Threatened By NPS Pollution					
Explore The Feasibility Of An In-Kind Grant RFP Solicitation Process Where DEQ Allocates A Certain Amount of FTE For Technical Assistance To Watershed Groups					
Continue Process Improvement Of RFPs For Timely And Efficient Issuance					
Provide Guidance To DEQ Staff And Grant Recipients For Grant Administration Including Contracting And Invoicing					
Continue To Report 319 Grant Data Into GRTS; Meet Annual Reporting Deadlines					
Coordinate With NRCS, USFS, BLM And OWEB For Annual Reporting On Implementation Activities					
Prepare Annual Nitrogen, Phosphorus, And Sedimentation-Siltation NPS Pollutant Load Reduction Estimates For NPS					

Projects And Include In Oregon's Annual NPS Program Report

Keep DEQ's NPS Public Website up-to-date with descriptions of NPS programs, links to NPS program documents, or links to other DEQ & federal, state, & local program descriptions and documents

WATERSHED APPROACH

Develop a template for Watershed Basin Status and Action Plans

Develop 2 of Watershed Basin Status and Action Plans per Year

Aligned And Prioritized According To The Watersheds

DEQ Uses The Watershed Plans and Action Plans And Basin

Priorities To Identify Priority Problems And Watersheds

Volunteer Monitoring Watersheds Sample Plans Are Developed

Report on how TMDL Implementation Plans and Watershed Basin Reports meet 9 elements and how this process is/is not working.

KEY OREGON NPS PLAN OUTCOMES AND KEY ACTIONS

2014 2015 2016 2017 2018

BASIN SPECIFIC PROJECTS

Columbia River	Continue PSP work
Deschutes Basin	
Grande Ronde Basin	
John Day Basin	
Klamath Basin	
Malheur River Basin	NWQI, Continue GWMA work
Mid-Coast Basin	
Middle Columbia	Continue PSP work, NWQI
North Coast	Continue bacteria reduction work
Oregon Closed Lakes Basin	
Owyhee River Basin	
Powder River Basin	
Rogue Basin	Continue bacteria reduction work
Sandy Basin	
South Coast Basin	
Snake River-Hell's Canyon	
Umatilla Basin	Continue GWMA work
Umpqua Basin	Continue bacteria reduction work
Lower Willamette Mainstem	
Middle Willamette Mainstem	

Upper Willamette Mainstem
 Clackamas Subbasin Continue PSP work
 Coast Fork, McKenzie, Middle Fork Willamette, South
 Santiam Subbasins
 Molalla Subbasin
 North Santiam, Pudding, Continue PSP work
 Yamhill Subbasin
 Tualatin Subbasin

TMDLS AND OTHER WQ PROGRAMS

Develop TMDL guidance on work plans identifying data needs and designing monitoring study
 Work with DMAs to develop and implement TMDL Implementation Plans on a watershed basis
 Develop BMPs Manuals for forestry, agriculture, and urban activities where needed
 HQ will provide technical assistance on TMDL development and TMDL implementation efforts
 Provide better reasonable assurance during TMDL development
 Revise and finalize Guidance for TMDL Implementation Plan Development for Urban/Rural Residential Land Uses within the Coastal Nonpoint Management Area and submit to NOAA and EPA for approval

KEY OREGON NPS PLAN OUTCOMES AND KEY ACTIONS

2014	2015	2016	2017	2018
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TMDLS AND OTHER WQ PROGRAMS (Cont.)

Develop a strategy to address MS4 and non-MS4 urban DMAs by working with stormwater program
 Work to include drinking water turbidity criteria in final rule revisions
 Complete scoping of water quality trading rules
 Develop, update and implement MOUs and MOAs with local, state, and federal agencies
 DEQ conduct enforcement on submittal of and implementing TMDL Implementing Plans
 Develop list of Lake Protection And Restoration Projects
 Continue Drinking Water Source Monitoring Where Requested And Prioritized By The Oregon Health Authority

TMDL IMPLEMENTATION

Work with DMAs to assure they are meeting TMDL priorities that address their responsibilities identified in the TMDL or WQMP
 Develop a standardized DMA Implementation Plan Template of what needs to be included in the plan and the appropriate level of rigor (which may be different for different tiers of

DMAs)

Development of tools and decision support systems for use by both DMAs and DEQ to estimate and translate load allocations into BMPs

Develop a set of DEQ evaluation criteria on how implementation will be tracked, any milestones, and the schedule for reviewing data to report on status and trend of water quality

Conduct additional analysis to provide better reasonable assurance and guide implementation for existing TMDLs that are identified as priorities

Development and population of a DEQ TMDL implementation database (can be simple excel or access database- or ACES?) to track implementation actions and measures

DMAs conduct annual reviews of implementation plans progress, accomplishments, and needs for change and place into the DMA annual reports which are submitted to DEQ for approval

Clarify DEQ's approach to dealing with DMAs that have not submitted a TMDL implementation plan.

TOXICS

Continue the Pesticides Stewardship Partnerships (PSPs) Program, Quality Assurance Project Plans (QAPP), and Sampling and Analysis Plans (SAP)

Continue Developing Contaminant-Specific Reduction Strategies For Public Water System Use, Such As For Nitrates And Pesticides From Urban And Rural Residential Lands

Assist to prioritize pesticide stewardship partnership (PSP) projects and supporting statewide PSP implementation (especially implementing pesticide collection events)

From: Seaborne, Rick [<mailto:Seaborne.Rick@epa.gov>]

Sent: Friday, January 31, 2014 1:36 PM

To: YON Donald R

Subject: RE: Oregon's NPS Program goals, objectives, metrics/tracking measures, and milestones draft table

Thanks Don- I think this is the right track. But let me also forward you also the examples provided from WY and LA NPS plans- in terms of their formats-I think the

level of specificity has to be sufficient to track annual progress-

Rick

Note: this is guidance from the eight components of a NPS plan relating to this:

Component #1 (of 8)

The state program contains explicit short- and long-term goals, objectives and strategies to restore and protect surface water and ground water, as appropriate.

The state's long-term goals reflect a strategically focused state NPS management program designed to achieve and maintain water quality standards and to maximize water quality benefits. The shorter-term objectives consist of activities, with annual milestones, designed to demonstrate reasonable progress toward accomplishing long-term goals as expeditiously as possible. Since the NPS management program is a longer-term planning document, the annual milestones may be more general than are expected in an annual section 319 grant workplan, but are specific enough for the state to track progress and for EPA to determine satisfactory progress in accordance with section 319(h)(8). Annual milestones in a state's NPS management program describe outcomes and key actions expected each year, e.g., delivering a certain number of WQ-10 success stories or implementing projects in a certain number of high priority impaired watersheds. The state program includes objectives that address nonpoint sources of surface water and ground water pollution as appropriate (including sources of drinking water) in alignment with the goals of the Clean Water Act. The objectives include both implementation steps and how results will be tracked (e.g., water quality improvements or load reductions).

The state program includes long-term goals and shorter-term (e.g., three- to five-year) objectives that are well integrated with other key environmental and natural resource programs, such as those described under component #3. State program goals and objectives are periodically revised as necessary to reflect progress or problems encountered, strategies to make progress towards achieving the goals, and indicators to measure progress.

Rick Seaborne

Nonpoint Source - 319 Program Coordinator

US EPA Region 10, Suite 900

Office of Water & Watersheds, OWW-134

1200 Sixth Avenue, Seattle, WA 98101

Phone: (206) 553-8510

E-mail: seaborne.rick@epa.gov

From: YON Donald R [<mailto:YON.Donald@deq.state.or.us>]

Sent: Friday, January 31, 2014 10:22 AM

To: Seaborne, Rick

Cc: YON Donald R

Subject: Oregon's NPS Program goals, objectives, metrics/tracking measures, and milestones draft table

Are you working today? How does this table look for the NPS Plan in providing a description of Oregon's NPS Program goals, objectives, metrics/tracking measures, and milestones? Do I need to use bullets in the tracking matrices and add a column that describes the goals and objectives which is included within the "Tracking Matrices"? Don and

**PROGRAMMATIC
PROJECTS**

TRACKING MATRICES

MILESTONES

TIMELINE

MAJOR NPS PLANS

UPDATE OREGON'S 5-YEAR NPS PLAN	<p>Update Oregon's NPS Plan that describes how the state's NPS management program achieves water quality standards and TMDL load allocations through restoration and protection. The plan uses a watershed management approach to prioritize waters and watersheds for use of 319 incremental funds to local implementation project sub grants and to NPS and TMDL program staff activities which support TMDL and watershed-based plan integration and implementation in impaired waters. The plan will include annual milestones that describe outcomes and key actions expected each year, e.g., delivering a certain number of WQ-10 success stories or implementing projects in a certain number of high priority impaired watersheds. The NPS program objectives include both implementation steps and how results will be tracked (e.g., water quality improvements or load reductions).</p> <p>Submit to EPA for approval to receive 319 NPS grant funding 2013 to 2014</p>
IMPLEMENT OREGON'S NPS PLAN	<p>Implement the plan's overall program goals (or priorities), actions with tractable annual milestones that includes both implementation steps and how results will be tracked (e.g., water quality improvements or load reductions).</p> <p>2014 to 2018</p>

<p>DEVELOP OREGON'S ANNUAL NPS PROGRAM UPDATE REPORT</p>	<p>The Annual NPS Report describes the progress in meeting NPS Program milestones, reductions in NPS loading, and improvements in water quality resulting from NPS program implementation. The report also documents all activities and annual 319 funding grant administration and use of 319 funds. This includes the use of funds for funding of DEQ NPS staff and for projects within the highest priority NPS-impaired watersheds consistent with EPA's guidelines for CWA 319(h) grants (e.g., those with completed TMDLs, those where other state, federal or local agencies are also contributing funding) or in special circumstances for protection of high priority watersheds that are not yet impaired?</p> <p>This NPS Management Program is unique in that it establishes a set of 63 management measures for states to use to control or prevent NPS pollution to attain water quality standards and thereby protect the beneficial uses of all state waters. Oregon has received approval on 60 of the 63 required management measures. The following three management measures have received "conditional approval":</p>	<p>Submit to EPA for approval to receive 319 NPS grant funding</p> <p>2014 to 218</p>
<p>Complete CZARA, Coastal NPS Program Plan</p>	<ul style="list-style-type: none"> • <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Management Measures for Urban Areas, Urban Runoff: Operating Onsite Disposal Systems Management • <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Management Measures for Urban Areas, Urban Runoff: New Development • <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Additional 	<p>Submit an approval plan to EPA and NOAA for Approval and Continued 319 Grant Funding</p>

**Management Measure,
Forestry that protect medium,
small, and non-fish bearing
streams; protect high-risk
landslide areas; effectively
address the impacts of road
operation and maintenance,
particularly legacy roads; and
ensure the adequacy of
stream buffers for the
application of certain
chemicals.”**

**The state must develop
programs that will meet these
last three management
measures.**

**BASIN/LOCAL
PROJECTS**

TRACKING MATRICES

MILESTONES

TIMELINE

Don Yon

Nonpoint Source Pollution Coordinator


Oregon DEQ, Water Quality Division

811 SW Sixth Avenue

Portland, OR 97204

yon.donald.r@deq.state.or.us

 503-229-6850

 503-229-6037 (fax)